



June 10, 2019

**Sent via Electronic Mail**

Director, Emergency and Remedial Response Division  
Attn: Chief, New Jersey Remediation Branch, Pohatcong Site  
United States Environmental Protection Agency Region 2  
290 Broadway, 19th Floor  
New York, New York 10007

New Jersey Superfund Branch  
Office of Regional Counsel  
United States Environmental Protection Agency Region 2  
290 Broadway, 17th Floor  
New York, New York 10007  
Attention: Attorney for Pohatcong Site

New Jersey Department of Environmental Protection  
ATTN.: Fred Mumford  
380 Scotch Road  
West Trenton, New Jersey 08628  
(via *electronic mail only*)

**Re: Monthly Progress Report No. 51  
Reporting Period May 1, 2019 to May 31, 2019  
2014 Vapor Intrusion Removal Action at the Washington Facility  
Pohatcong Valley Groundwater Contamination Superfund Site  
Warren County, New Jersey**

Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)<sup>1</sup>, Ramboll US Corporation (Ramboll) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2014 Vapor Intrusion Removal Action at the Washington Facility (2014 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and

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<sup>1</sup> In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 14-cv-05798) effective March 11, 2015.

activities undertaken pursuant to the CD and related to the 2014 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

## **Actions Taken toward Compliance with Consent Decree, including Community Relations**

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 7 inches Hg with an average inlet flow rate of approximately 440 cubic feet per minute (CFM).
- During this period the 500 CFM SVE system operated 95% of the time (i.e., a total of 709 hours over 31 days) and the east wall SSDS operated 100% of the time.
- The Monthly Progress Report No. 50 for the VI Removal Action at the Washington facility reporting April 2019 activities was submitted to the USEPA in a letter dated May 10, 2019.
- Ramboll collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on May 22, 2019. These measurements and the SVE blower runtime for the May 2019 reporting period are included in the summary table in Attachment 1. The locations of the SSDS wells and vapor monitoring points are provided in Attachment 2.

## **Routine OM&M Events:**

The following routine OM&M events were conducted during this reporting period:

- Change-out of the vapor-phase activated carbon for the SVE system was completed on May 23, 2019.

## **Problems Encountered, Actions Taken and Their Resolutions**

The following problems were encountered during this reporting period:

- None during this period.

## **Analytical Results and Data Received During the Reporting Period**

The following analytical data were received during this reporting period:

- None during this period.

## **Anticipated Plans, Actions and Data Scheduled (during the Next 8 weeks)**

The following activities are planned for the next eight weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in June 2019.

## **Delays Encountered or Anticipated, and Efforts Taken to Mitigate**

The following delays were encountered during this reporting period:

- None during this period.

### **Closing**

If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,

*Luis Hidalgo*

Luis Hidalgo  
Project Coordinator

Attachments:

- (1) SVE/SSDS Measurements, May 22, 2019
- (2) Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

cc:

*Via Electronic Mail*

Michelle Granger – USEPA, Region 2  
Dave Cline – Rio Tinto  
Jeff Arrington – Rio Tinto  
Bruce White – Barnes & Thornburg LLP  
Bruce Kennington – Ramboll

## **ATTACHMENT 1**

**SVE/SSDS Measurements**

**May 22, 2019**

**SVE/SSDS Measurements, May 22, 2019**  
**Vapor Intrusion Response Activities**  
**Albéa Americas, Washington Facility**  
**191 Route 31 North, Washington, Warren County, New Jersey**

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
CDM-SS-01	4.703	-2.511
CDM-SS-02N	4.755	-0.082
CDM-SS-02S	4.802	-0.064
CDM-SS-03	4.581	-0.633
CDM-SS-04	4.228	-0.002
CDM-SS-05	3.120	-0.007
CDM-SS-06	1.022	-0.002
<sup>1</sup> CDM-SS-07	--	--
<sup>1</sup> CDM-SS-08	--	--
<sup>1</sup> CDM-SS-09	--	--
CDM-SS-10	1.102	-0.040
EPA-SS-11	3.061	-0.017
EPA-SS-12	5.427	-1.040
<sup>1</sup> EPA-SS-13	--	--
<sup>1</sup> EPA-SS-14	--	--
EPA-SS-15	1.603	-0.010
EPA-SS-16	5.345	-0.010
EPA-SS-17	2.998	-0.012
EPA-SS-18	1.200	-0.007
EPA-SS-19	5.414	-0.041
EPA-SS-20	6.352	-0.012
EPA-SS-21	3.103	-0.036
EPA-SS-22	6.277	-1.109
<sup>1</sup> EPA-SS-23	--	--
EPA-SS-24	4.324	-0.342
EPA-SS-25	2.112	-0.002
<sup>1</sup> EPA-SS-26	---	---
<sup>1</sup> EPA-SS-27	---	---
<sup>1</sup> EPA-SS-28	---	---
EPA-SS-29	4.047	-0.002
EPA-SS-30	5.035	-2.017
EPA-SS-31	2.458	-0.541
EPA-SS-32	2.413	-0.402
VP-2	6.303	-2.137
VP-3	5.153	-0.294
<sup>1</sup> VP-7	---	---
VP-10	1.576	-0.071
VP-11	1.391	-0.001
<sup>1</sup> VP-12	---	---
<sup>1</sup> VP-13	---	---
VP-14	2.201	-0.087
<sup>1</sup> VP-15	---	---
<sup>1</sup> VP-16	---	---

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	7.181	-26
SSDS-02	6.851	-37
SSDS-03	6.975	-12
SSDS-04	6.895	-38
SSDS-05	4.345	-4
<sup>2</sup> SSDS-06	---	---
<sup>2</sup> SSDS-07	---	---
<sup>2</sup> SSDS-08	---	---
<sup>2</sup> SSDS-09	---	---
<sup>2</sup> SSDS-10	---	---
SVE-1	4.822	-72
SVE-2	5.438	-70
SVE-3	3.964	-81
SVE-4	4.894	-70
<sup>1</sup> SVE-5	--	--
SVE-6	4.628	-79
SVE-7	8.433	-80
<sup>1</sup> SVE-8	--	--
SVE-9	5.140	-73
SVE-10	5.175	-76
SVE-11	35.4	-71
SVE-12	5.318	-73
SVE-13P	7.826	-50
SVE-14P	7.231	-70
SVE-15P	13.36	-26
SVE-16P	4.425	-29

Vapor Phase GAC Measurements	
Location	PID (ppm)
VGAC1 IN	3.870
VGAC1 OUT	3.017
VGAC2 OUT	1.737

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	635
Hour Meter at end of Current Period (5/31/2019) (Hours) <sup>3</sup>	1,344
Total SVE Blower Runtime for Reporting Period (Hours)	709

**Notes:**

- Vapor monitoring point not accessible; no measurement collected.
- Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational at the time of measurement.
- Carbon change out was completed on May 23, 2019.

## **ATTACHMENT 2**

**Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points**

TPENNSI 10/13/15 [SMPL\_VAC&PID\_0211697\_J F:0211697\_FINAL VI REPORT

